



CountryMark

Countrymark Refining and Logistics, LLC
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Date: July 10, 2015

Ms. Michelle Kaysen
U.S. Environmental Protection Agency, Region 5
77 West Jackson Boulevard
Chicago, Illinois 60604

RE: Progress Report #8, Q2 2015
Countrymark Refining & Logistics LLC
1200 Refinery Road
Mt. Vernon, Indiana 47620
EPA ID No.: IND 044 908 663

Dear Ms. Kaysen:

This Progress Report #8 has been prepared to provide the United States Environmental Protection Agency (USEPA) with a summary of the activities performed at the Countrymark Refining & Logistics LLC (CountryMark) refinery (the "Site") between April 1 and June 30, 2015, the 2nd quarter of 2015. The Site is located at 1200 Refinery Road, Mt. Vernon, Indiana.

1.0 SUMMARY OF RECENT ACTIVITIES/ISSUES

The following activities have been completed during the period covered by this progress report:

- Quarterly Progress Report #7 and updated Master Plan submitted to USEPA and posted on project web portal.
- Waterloo^{APS} South Transect Work Plan submitted to USEPA and posted on project web portal on April 16, 2015.
- Conduct subsurface utility clearance activities on April 21 through 22, 2015, and Waterloo^{APS} South Transect drilling activities on April 27 through May 1, 2015. Four Waterloo^{APS} borings and one traditional soil boring were performed along the facility's south property line south of the truck rack and Ponds #2 and #3/SWMU 7S.
- Presentation to USEPA of the Waterloo^{APS} South Transect findings, revised PCSM, Draft RFI Work Plan outline, and Draft Decision Logic Flow Diagram on May 28, 2015. Presentation also posted to project web portal.
- Draft RFI Work Plan outline and Draft RFI Work Plan Decision Logic Flow Diagram submitted to USEPA and posted on project web portal on June 16, 2015.

- Receipt of USEPA comments on the *Soil Metals Background Statistical Evaluation, 2/5/15* on June 30, 2015.

2.0 DATA COLLECTED

The data collected during the previous quarter can be summarized as follows:

- Each proposed boring location was cleared from approximately 0-8 feet below ground surface (ft-bgs) via vacuum excavation. Soils removed were placed back into each hole to provide support for Geoprobe drilling tooling.
- Four Waterloo^{APS} soil borings completed (APS-1 through APS-4) along the southern Site boundary.
- One Geoprobe soil boring completed (SB-1) for verification of lithology.
- APS-1, APS-3 and SB-1 were completed to maximum depths of approximately 50 ft-bgs, where they encountered bedrock.
- APS-2 and APS-3 were completed to approximately 40 and 30 ft-bgs, respectively. These borings could not be advanced further due to refusal in hard clay soils.
- Maximum index of hydraulic conductivity readings within the undisturbed soil at each boring location were approximately 3.5, with near zero response in borings APS-1 and APS-3 from 25 ft-bgs to the maximum depth of the borings. These results indicate that there is not a sand unit present at the bedrock surface in the area of the soil borings. The maximum index of hydraulic conductivity readings within the soils disturbed during subsurface clearance activities was approximately 4.5.
- The sand layer found in the Land Treatment Area (LTA) on top of the bedrock was not present along the facility's south property line south of the truck rack and Ponds #2 and #3/SWMU 7S.
- No groundwater samples could be collected from any of the Waterloo^{APS} soil boring locations due to the low hydraulic conductivity of the soils.
- No olfactory or visual evidence of impacts was observed.

3.0 PLANNED ACTIVITIES FOR THE NEXT QUARTER

Activities planned for next quarter include:

- Refine PSCM through establishment of Site Background Threshold Values for select metals in soil.

- Respond to USEPA's comments on the *Soil Metals Background Statistical Evaluation*, 2/5/15 by July 13, 2015.
- Discuss scope of work for RFI to help expedite preparation of an approvable RFI Work Plan.

4.0 ISSUES ENCOUNTERED AND THEIR SOLUTION

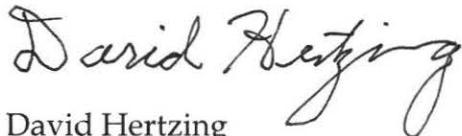
- No issues encountered this quarter.

5.0 MASTER PLAN UPDATE

- At USEPA's request an updated Master Plan was last submitted to USEPA in May 2015; a further updated Master Plan is attached. CountryMark awaits USEPA's formal approval of the Master Plan.

Please call (812) 838-8543 if you have any questions or concerns or require additional information.

Sincerely,



David Hertzog
Project Manager

Attachments: Updated Master Plan for Q1 2015

cc: Mr. Anthony Sullivan, Barnes & Thornburg
Mr. Dwayne Keagy, ERM, Inc.